

SCORE Search Results Details for Application 10570122 and Search Result 20080806_101534_us-10-570-122- 2.pctmtch89_.rapbm.

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Appendix A

OM protein - protein search, using sw model

Run on: August 6, 2008, 11:18:42 ; Search time 121 Seconds
(without alignments)
1250.125 Million cell updates/sec

Title: US-10-570-122-2
Perfect score: 836
Sequence: 1 MSIGLLKFKQAVGEEDSRDE.....LLNHLGLTRMNIARHPTLC 163

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 4051641 seqs, 928007118 residues

Total number of hits satisfying chosen parameters: 8

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 88%
Maximum Match 100%
Listing first 45 summaries

Database: Published_Applications_AA_Main:
1: /ABSS/Data/CRF/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /ABSS/Data/CRF/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /ABSS/Data/CRF/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /ABSS/Data/CRF/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /ABSS/Data/CRF/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /ABSS/Data/CRF/ptodata/1/pubpaa/US11A_PUBCOMB.pep.*
7: /ABSS/Data/CRF/ptodata/1/pubpaa/US11B_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	836	100.0	163	5	US-10-572-598A-2	Sequence 2, Appli
2	836	100.0	163	5	US-10-570-122-2	Sequence 2, Appli
3	836	100.0	163	6	US-11-443-428A-743812	Sequence 743812,
4	836	100.0	169	5	US-10-570-122-3	Sequence 3, Appli
5	836	100.0	235	6	US-11-443-428A-743813	Sequence 743813,
6	794	95.0	837	5	US-10-450-763-31196	Sequence 31196, A
7	794	95.0	837	5	US-10-450-763-42492	Sequence 42492, A
8	794	95.0	837	5	US-10-276-817B-10289	Sequence 10289, A

ALIGNMENTS

RESULT 1
US-10-572-598A-2
; Sequence 2, Application US/10672598A
; Publication No. US20050106679A1

Appendix A

```

; GENERAL INFORMATION:
; APPLICANT: FAGAN, Richard Joseph
; APPLICANT: GUTTERIDGE, Alex
; APPLICANT: PHELPS, Christopher Benjamin
; APPLICANT: POWER, Christine
; TITLE OF INVENTION: LEPTIN PROTEINS
; FILE REFERENCE: 674592-2002
; CURRENT APPLICATION NUMBER: US/10/872.598A
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: PCT/GB02/05685
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: GB0130720.6
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: SeqMan99, version 1.02
; SEQ ID NO 2
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-872-598A-2

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Query Match      100.0%; Score 836; DB 5; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.8e-74;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1  MSIGLLKFOAVGREDERDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60
Db      1  MSIGLLKFOAVGSEDEDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60

Qy     61  KPGPGPGDIDCGPDSMDSALEWLRLRELRMQAODRLAQQLLRLRAQLHLKMDQACHLM 120
Db     61  KPGPGPGDIDCGPDSMDSALEWLRLRELRMQAODRLAQQLLRLRAQLHLKMDQACHLM 120

Qy    121  QSLLEAELELELEPGAGLALAPLLRLHGLTRMHSARPTLC 163
Db    121  QSLLEAELELELEPGAGLALAPLLRLHGLTRMHSARPTLC 163

```

RESULT 2

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US-10-870-122-2
; Sequence 2, Application US/10570122
; Publication No. US20070104723A1
; GENERAL INFORMATION:
; APPLICANT: Applied Research Systems ARS Holding N.V.
; TITLE OF INVENTION: NEW TREATMENT AND/OR PREVENTION OF FIBROTIC DISEASE
; FILE REFERENCE: WO895
; CURRENT APPLICATION NUMBER: US/10/570.122
; CURRENT FILING DATE: 2005-02-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-870-122-2

```

```

Query Match      100.0%; Score 836; DB 5; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.8e-74;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1  MSIGLLKFOAVGREDERDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60
Db      1  MSIGLLKFOAVGREDERDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60

Qy     61  KPGPGPGDIDCGPDSMDSALEWLRLRELRMQAODRLAQQLLRLRAQLHLKMDQACHLM 120
Db     61  KPGPGPGDIDCGPDSMDSALEWLRLRELRMQAODRLAQQLLRLRAQLHLKMDQACHLM 120

Qy    121  QSLLEAELELELEPGAGLALAPLLRLHGLTRMHSARPTLC 163
Db    121  QSLLEAELELELEPGAGLALAPLLRLHGLTRMHSARPTLC 163

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RESULT 3

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US-11-443-428A-743812
; Sequence 743812, Application US/11443428A
; Publication No. US20070063334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Nanqing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shir
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Herzesh, Chen
; APPLICANT: Asar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929

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; CURRENT APPLICATION NUMBER: US/11/443,428A
 ; CURRENT FILING DATE: 2006-05-31
 ; NUMBER OF SEQ ID NOS: 1034312
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 743812
 ; LENGTH: 163
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-11-443-428A-743812

Appendix A

Query Match 100.0%; Score 836; DB 6; Length 163;
 Best Local Similarity 100.0%; Pred. No. 1.8e-74;
 Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSIGLLKPAVGGEDEDEEGESLDSVKALTAKLQQLTRRPSYLENTAQVQSQAWRRQA 60
 DB 1 MSIGLLKPAVGGEDEDEEGESLDSVKALTAKLQQLTRRPSYLENTAQVQSQAWRRQA 60
 Qy 61 KPGPGGPDICGPDMSDALEWLRLRLREMQAQRDLAQQLLRLRAQLRLKMDQACHLN 120
 DB 61 KPGPGGPDICGPDMSDALEWLRLRLREMQAQRDLAQQLLRLRAQLRLKMDQACHLN 120
 Qy 121 QELLDEARLRLLEPGAGLALAPLRLHLGLTRMNSARRFTLC 163
 DB 121 QELLDEARLRLLEPGAGLALAPLRLHLGLTRMNSARRFTLC 163

RESULT 4

US-10-570-122-3
 ; Sequence 3, Application US/10570122
 ; Publication No. US20070104723A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Applied Research Systems ARS Holding N.V.
 ; TITLE OF INVENTION: NEW TREATMENT AND/OR PREVENTION OF FIBROTIC DISEASE
 ; FILE REFERENCE: WO895
 ; CURRENT APPLICATION NUMBER: US/10/570,122
 ; CURRENT FILING DATE: 2006-02-28
 ; NUMBER OF SEQ ID NOS: 11
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 169
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-570-122-3

Query Match 100.0%; Score 836; DB 5; Length 169;
 Best Local Similarity 100.0%; Pred. No. 1.9e-74;
 Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSIGLLKPAVGGEDEDEEGESLDSVKALTAKLQQLTRRPSYLENTAQVQSQAWRRQA 60
 DB 1 MSIGLLKPAVGGEDEDEEGESLDSVKALTAKLQQLTRRPSYLENTAQVQSQAWRRQA 60
 Qy 61 KPGPGGPDICGPDMSDALEWLRLRLREMQAQRDLAQQLLRLRAQLRLKMDQACHLN 120
 DB 61 KPGPGGPDICGPDMSDALEWLRLRLREMQAQRDLAQQLLRLRAQLRLKMDQACHLN 120
 Qy 121 QELLDEARLRLLEPGAGLALAPLRLHLGLTRMNSARRFTLC 163
 DB 121 QELLDEARLRLLEPGAGLALAPLRLHLGLTRMNSARRFTLC 163

RESULT 5

US-11-443-428A-743813
 ; Sequence 743813, Application US/11443428A
 ; Publication No. US20070083334A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mintz, Liat
 ; APPLICANT: Xie, Hanying
 ; APPLICANT: Dahari, Dvir
 ; APPLICANT: Levanon, Krez
 ; APPLICANT: Freilich, Shiri
 ; APPLICANT: Beck, Nili
 ; APPLICANT: Zou, Wei-Yong
 ; APPLICANT: Wasserman, Alon
 ; APPLICANT: Hermesh, Chen
 ; APPLICANT: Azar, Idit
 ; APPLICANT: Bernstein, Jeanne
 ; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
 ; FILE REFERENCE: 02/2322
 ; CURRENT APPLICATION NUMBER: US/11/443,428A
 ; CURRENT FILING DATE: 2006-05-31
 ; NUMBER OF SEQ ID NOS: 1034312
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 743813
 ; LENGTH: 235
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-11-443-428A-743813

Query Match 100.0%; Score 836; DB 6; Length 235;